

What is claimed is:

1. A multilayered chemical barrier film comprising:

- a) an inner layer comprising an unoriented nylon;
b) a middle layer comprising either a polyolefin, a metal foil, or a polyester
5 attached to a surface of the inner layer; and
c) an outer layer comprising either a polyolefin or a polyester attached to a
surface of the middle layer;

such that when the middle layer comprises a polyolefin, the outer layer
comprises a polyester, and when the middle layer comprises a polyester, the
10 outer layer comprises a polyolefin.

2. The chemical barrier film of claim 1 wherein said middle layer comprises a
polyolefin layer and the outer layer comprises a polyester layer.

15 3. The chemical barrier film of claim 1 wherein said middle layer comprises a
polyester layer and the outer layer comprises a polyolefin layer.

4. The chemical barrier film of claim 1 wherein said middle layer comprises a
metal foil.

20 5. The chemical barrier film of claim 4 wherein said middle layer comprises
aluminum foil.

6. The chemical barrier film of claim 1 wherein said nylon comprises a nylon
25 selected from the group consisting of nylon 4, nylon 6, nylon 7, nylon 8, nylon
9, nylon 10, nylon 11, nylon 12, nylon 4,6, nylon 6,6, nylon 6,10, nylon 6,9,
nylon 6,12, nylon 6,6/6, nylon 6/6,6, nylon trimethyl 6,2/6,2, nylon 6,6/6,9/6,
nylon 6,I, nylon 6,6/6I, nylon 6,6/6T, nylon MXD6, nylon 6T/6I, nylon

6/MXDT/I, nylon 7,7, nylon 8,8, nylon 9,9, nylon 10,9, nylon 4,2, nylon 12,12 and combinations thereof.

7. The chemical barrier film of claim 1 wherein said nylon is selected from
5 the group consisting of nylon 6, nylon 6,6, nylon 6,6/6 and mixtures thereof.

8. The chemical barrier film of claim 1 wherein said nylon comprises nylon 6.

9. The chemical barrier film of claim 1 wherein said nylon comprises a blend
10 of nylon 6 and nylon 66.

10. The chemical barrier film of claim 1 wherein said polyolefin of said middle or outer layer comprises a polyethylene or polypropylene.

15 11. The chemical barrier film of claim 10 wherein said polyolefin comprises polyethylene.

~~10. The chemical barrier film of claim 1 wherein said middle layer is oriented.~~

20 ~~11. The chemical barrier film of claim 1 wherein said middle layer is unoriented.~~

12. The chemical barrier film of claim 1 wherein said polyester of said middle or outer layer comprises polyethylene terephthalate.

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13. The chemical barrier film of claim 1 wherein said polyester of said middle or outer layer comprises a metallized polyester, an aluminum oxide coated polyester, a silicon oxide coated polyester, a polyvinylidene chloride coated polyester, or combinations thereof.

14. The chemical barrier film of claim 1 wherein said outer layer is oriented.

15. The chemical barrier film of claim 1 wherein said outer is unoriented.

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16. The chemical barrier film of claim 1 wherein said inner and middle layers are coextruded and said outer layer is laminated to a surface of said middle layer.

10 17. The chemical barrier film of claim 1 wherein said inner, middle and outer layers are laminated together.

18. The chemical barrier film of claim 1 further comprising an adhesive layer positioned between said outer and middle layers.

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19. The chemical barrier film of claim 1 further comprising an adhesive layer positioned between said outer and middle layer, and between said middle and inner layer.

20 20. A multilayered chemical barrier film comprising:

- a) an inner layer comprising an unoriented nylon selected from the group consisting of nylon 6, nylon 6,6, nylon 6,6/6 and mixtures thereof;
- b) a middle layer comprising a metallized polyester attached to a surface of the inner layer; and
- 25 c) an outer layer comprising a polyolefin attached to a surface of the middle layer.

21. The chemical barrier film of claim 20 wherein the said nylon is nylon 6.

22. A package comprising a casing which defines an inner compartment, said casing comprising a pair of overlapping chemical barrier films, each of said chemical barrier films comprising in order from the inner part of the package to the outer part of the package:

- 5 a) an inner layer comprising an unoriented nylon;
- b) a middle layer comprising either a polyolefin, a metal foil or a polyester attached to a surface of the inner layer; and
- c) an outer layer comprising either a polyolefin or a polyester attached to a surface of the middle layer;
- 10 such that when the middle layer comprises a polyolefin, the outer layer comprises a polyester, and when the middle layer comprises a polyester, the outer layer comprises a polyolefin,
- and wherein the overlapping chemical barrier films are sealed together by directly attached portions of the inner nylon layers around a perimeter of the
- 15 inner nylon layers.

23. The package of claim 22 further comprising a product within the inner compartment of said package.

- 20 24. The package of claim 23 wherein said product comprises a solvent or a solvent containing material.

25. The package of claim 23 wherein said product comprises an absorbent fabric and solvent absorbed within the fabric.

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26. The package of claim 23 wherein said product comprises motor oil.

27. The package of claim 22 wherein said middle layer comprises a polyolefin layer and the outer layer comprises a polyester layer.

28. The package of claim 22 wherein said middle layer comprises a polyester layer and the outer layer comprises a polyolefin layer.

5 29. The package of claim 22 further comprising an adhesive layer positioned between said outer and middle layers, and also between said middle and inner layers.

30. The package of claim 22 wherein said nylon comprises a nylon 6, nylon 66
10 or a combination thereof.

31. The package of claim 22 wherein said polyolefin of either said middle or outer layer comprises a polyethylene or polypropylene.

15 32. The package of claim 22 wherein said polyester comprises polyethylene terephthalate.

33. The package of claim 22 wherein said polyester of either said middle or outer layer comprises a metallized polyester, an aluminum oxide coated
20 polyester, a silicon oxide coated polyester, a polyvinylidene chloride coated polyester, or combinations thereof.

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25 34. A package comprising a casing which defines an inner compartment, said casing comprising a single chemical barrier film, said chemical barrier film comprising in order from the inner part of the package to the outer part of the package:

a) an inner layer comprising an unoriented nylon;

b) a middle layer comprising either a polyolefin or a polyester attached to a surface of the inner layer; and

c) an outer layer comprising either a polyolefin, a metal foil, or a polyester attached to a surface of the middle layer;

such that when the middle layer comprises a polyolefin, the outer layer comprises a polyester, and when the middle layer comprises a polyester, the

5 outer layer comprises a polyolefin,

and wherein the chemical barrier film is folded at an edge and sealed to itself by directly attached portions of the inner nylon layer around at least a portion of perimeter of the inner nylon layer.

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